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PATENT #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darren D. Cofer et al.
Serial No.: 09/981,928 • Examiner: unknown
Filed: October 16, 2001 • Group Art Unit: unknown
For: OBJECT DETECTION
Docket No.: 1100.1152101 (H0002064)

TRANSMITTAL SHEET

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 6th day of June, 2002.

By

Brian N. Tufte

We are transmitting herewith the attached:

- [X] Information Disclosure Statement Before First Office Action (37 CFR 1.97(b)), PTO Form-1449 and 86 cited references.
- [X] Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.

By:

Brian N. Tufte, Reg. No. 38,638
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Telephone: (612) 677-9050
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INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 11 day of June, 2002.

By

Brian N. Tufte

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F. R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.

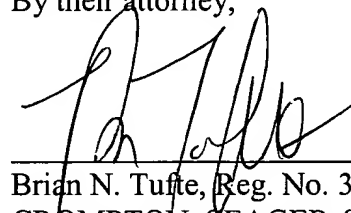
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Darren D. Cofer et al.

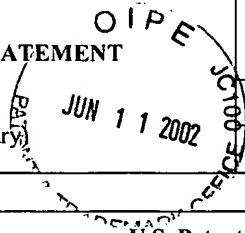
By their attorney,

Dated: June 6, 2002

A handwritten signature in black ink, appearing to read "Brian N. Tufte", is written over a horizontal line.

Brian N. Tufte, Reg. No. 38,638
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FORM 1449*		Docket Number: 1100.1152101 (H0002064)		Application Number: 09/981,928	
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION					
(Use several sheets if necessary)					
Applicant: Darren D. Cofer et al				Filing Date: October 16, 2001	
				Group Art Unit: unknown	



U.S. Patent Documents					
Examiner Initial	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	4,923,066	05/08/90	Ophir et al		
	5,359,363	10/25/94	Kuban et al		
	5,402,168	03/28/95	Fouilloy		
	5,418,567	05/23/95	Boers et al		
	5,448,320	09/05/95	Sakai et al		
	5,477,212	12/19/95	Rumpel		
	5,573,006	11/12/96	Shimotani et al		
	5,627,616	05/06/97	Sergeant et al		
	5,649,255	07/15/97	Schieltz		
	5,677,535	10/14/97	Stephan		
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	5,731,832	03/24/98	Ng, H.		
	5,745,170	04/28/98	Palmer		
	5,752,100	05/12/98	Schrock		
	5,790,910	08/04/98	Haskin		
	5,793,900	08/11/98	Nourbakhsh et al		
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	5,801,770	09/01/98	Paff et al		
	5,818,519	10/06/98	Wren		
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	5,953,055	09/14/99	Huang et al		
	6,035,067	03/07/00	Ponticos		
	Des. 347,442	05/31/94	Falconer		

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 1100.1152101 (H0002064)	Application Number: 09/981,928
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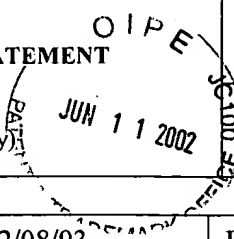
	Des. 349,713	08/16/94	Hasegawa		
	Des. 349,714	08/16/94	Hasegawa		
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	Des. 349,913	08/23/94	Morris		
	Des. 354,973	01/31/95	Hisatune et al		
	Des. 365,834	01/02/96	Dozier		
	Des. 378,095	02/18/97	Hasegawa		
	Des. 399,517	10/13/98	Hasegawa		

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Examiner Initial	DOCUMENT NO.	DATE	COUNTRY	CLASS	Translation Yes No
	EP 0468839 B1	09/06/95	EP		
	EP 0484076 B1	12/18/96	EP		
	EP 0491121 B1	02/28/96	EP		
	EP 0519379 B1	09/04/96	EP		
	EP 0529317 B1	12/18/96	EP		
	EP 0554197 B1	10/09/96	EP		
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	EP 0585033 B1	01/14/98	EP		
	EP 0610863 A1	08/17/94	EP		
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	EP 0774730 A2	05/21/97	EP		
	EP 0800152 A1	10/08/97	EP		
	EP 0810791 A2	12/03/97	EP		
	JP 07056219	08/10/93	JP		Abstract
	JP 07104362	10/01/93	JP		Abstract

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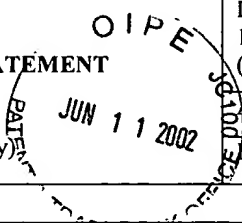
	JP 07159892	12/08/93	JP		Abstract
	JP 07175128	12/20/93	JP		Abstract
	JP 07191390	12/27/93	JP		Abstract
	JP 07222039	01/31/94	JP		Abstract
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	WO 97/05744	02/13/97	PCT		
	WO 97/12278	04/03/97	PCT		
	WO 98/18026	04/30/98	PCT		
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	The Japan Machinery Federation, "Development for the International Standards in the field of Safety Machinery -- A vision-based protective device (VBPD)," <u>The Japanese National Committee for IEC/TC44</u> , 36 pages, October 1, 2001.
	Aach, T., et al., "Statistical Model-Based Change Detection in Moving Video," Signal Processing, Vol. 31, No. 2, pages 165-180, March 1993.
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		Vekatsheh, S., "Dynamic Threshold Determination by Local and Global Edge Evaluation," Graphical Models and Image Processing, Vol. 57, No. 2, pages 146-160, March 1995.
		Ostermann, J., "Segmentation of Image Areas Changed Due to Object Motion Considering Shadows," Multimedia Communications and Video Coding, pages 241-246, Y. Wang, Ed., New York: Plenum, 1996.
		Stauder, J., "Segmentation of Moving Objects in Presence of Moving Shadows: Proc. Int. Workshop on Coding Techniques for Very Low Bit Rate Video, Linkoping, Sweden, July 28-30, 1997, pages 41-44
		Hotter, M., et al., "Image Segmentation Based on Object Oriented Mapping Parameter Estimation", Signal Processing, Vol. 15, No. 3, pages 315-334, October 1988.
		U.S. Patent Application Serial No. 09/716,002, filed November 17, 2000, entitled, "Object Detection."
		U.S. Provisional Patent Application Serial No. 60/275,879, filed March 14, 2001, entitled, "Safety Camera."

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